NOV 01 N	Æ)						
FATAMENE	449/A and B (m	odifie	d PTO/SR/08)	APPLICATION NO.: 10/719,493	ATTY. DOCKET NO.: C1039.70021US01		
FORMATION DISCLOSURE				FILING DATE: November 23, 2003	CONFIRMATION NO.: 3218		
STATEMENT BY APPLICANT				APPLICANT: Krieg et al.			
Sheet	1	of	10	GROUP ART UNIT: 1643	EXAMINER: P. Tungaturthi		

U.S. PATENT DOCUMENTS

Examiner's	Cite	U.S. Patent Doci	ıment	Name of Patentee or Applicant of Cited	Date of Publication or Issue	
Initials #	No.	Number Kind Code		Document	of Cited Document MM-DD-YYYY	
		5,087,617		Smith	02-11-1992	
		5,877,309		McKay et al.	03-02-1999	
		5,955,059		Gilchrest et al.	09-21-1999	
		5,997,858		Tovey et al.	12-07-1999	
		6,030,955		Stein et al.	02-29-2000	
		6,221,882	B1	Macfarlane	04-24-2001	
		6,399,630	B1	Macfarlane	06-04-2002	
		6,479,504	B1	Macfarlane et al.	11-12-2002	
		6,521,637	B2	Macfarlane	02-18-2003	
		6,727,230	B1	Hutcherson et al.	04-27-2004	
		6,821,957	B1	Krieg et al.	11-23-2004	
		6,943,240	B2	Bauer et al.	09-13-2005	
		6,949,520	B1	Hartmann et al.	09-27-2005	
		7,001,890	B1	Wagner et al.	02-21-2006	
		7,223,741	B2	Krieg	05-29-2007	
		2001-0044416	A1	McCluskie et al.	11-22-2001	
		2002-0091097	Al	Bratzler et al.	07-11-2002	
		2002-0142977	A1	Raz et al.	10-03-2002	
		2002-0156033	Al	Bratzler et al.	10-24-2002	
		2002-0164341	A1	Davis et al.	11-07-2002	
		2002-0165178	A1	Schetter et al	11-07-2002	
		2002-0198165	A1	Bratzler et al.	12-26-2002	
		2003-0026782	A1	Krieg	02-02-2003	
		2003-0026801	A1	Weiner et al.	02-06-2003	
		2003-0050263	Al	Krieg et al.	03-13-2003	
		2003-0050268	A1	Krieg et al.	03-13-2003	
		2003-0055014	A1	Bratzler	03-20-2003	
		2003-0091599	A1	Davis et al.	05-15-2003	
		2003-0100527	A1	Krieg et al.	05-29-2003	
		2003-0139364	Al	Krieg et al.	07-24-2003	
		2003-0148316	A1	Lipford et al.	08-07-2003	
		2003-0148976	A1	Krieg et al.	08-07-2003	
	<u> </u>	2003-0166001	A1	Lipford	09-04-2003	

EXAMINER:	DATE CONSIDERED:

[#] EXAMINER: Initial if reference considered, whether or notcitation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449/A and B (modified PTO/SB/08)			APPLIC	CATION NO.: 10/719,493	ATTY. DOC	CKET NO.: C1039.70021US01	
			,	FILING DATE: November 23, 2003 CONFIRMATION NO.: 3218			ATION NO.: 3218
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT: Krieg et al.					
				GROUP	ART UNIT: 1643	FXAMINER	R: P. Tungaturthi
Sheet	2	of	10	Jakobi	1013	BAAMMADI	
<u></u>	1 200	03-018140		Al	Schetter et al.		09-25-2003
		03-018140		Al			10-09-2003
		03-019107		Al	Krieg et al.		
		03-021202		 	Krieg et al. Davis et al.		11-13-2003
		03-022401		Al			12-04-2003
				Al	Lipford et al.		12-18-2003
		03-023285		Al	Macfarlane		12-18-2003
		04-000994		Al	Krieg		01-15-2004
		04-003011		Al	Wagner et al.	···	02-12-2004
		04-005388		A1	Krieg		03-18-2004
		04-006790		A9	Bratzler et al.		04-08-2004
		04-006790		Al	Krieg		04-08-2004
		04-008753		A1	Krieg et al.		05-06-2004
		04-008753		Al	Krieg et al.		05-06-2004
-		04-009247		Al	Krieg		05-13-2004
		04-010656		Al	Krieg et al.	-	06-03-2004
		04-013162		A1	Bratzler et al.		07-08-2004
		04-013268		A1	Krieg et al.		07-08-2004
		04-014246		Al	Krieg et al.	·	07-22-2004
		04-014311		A1	Krieg et al.		07-22-2004
		04-014746		A1	Krieg et al.		07-29-2004
		04-015264		A1	Krieg		08-05-2004
		04-015265		Al	Krieg et al.		08-05-2004
	·	04-015265		Al	Krieg et al.		08-05-2004
		04-016225		Al	Krieg et al.		08-19-2004
		04-016226		Al	Krieg et al.		08-19-2004
		04-016708		Al	Krieg et al.		08-26-2004
		04-017115		Al	Krieg et al.		09-02-2004
	200	04-017157	1	A1	Krieg et al.		09-02-2004
	200	04-018104	5	A1	Krieg et al.		09-16-2004
	200	04-019868	0	A1	Krieg		10-07-2004
	200	04-019868	8	A1	Krieg et al.		10-07-2004
	200	04-022983	5	A1	Krieg et al.		11-18-2004
	200	04-023451	2	A1	Wagner et al.		11-25-2004
	200	04-023577	0	A1	Davis et al.		11-25-2004
	200	04-023577	4	Al	Bratzler et al.		11-25-2004
	200	04-023577	7	Al	Wagner et al.		11-25-2004
		04-023577		A1	Wagner et al.		11-25-2004
	200	04-026671	9	Al	McCluskie et al.		12-30-2004

[#] EXAMINER: Initial if reference considered, whether or notcitation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1	449/A and B (modified PTO	/SB/08)	APPLICA	ATION NO.: 10/719,493	ATTY. DO	7. DOCKET NO.: C1039.70021US01	
			FILING DATE: November 23, 2003 CONFIRM			ATION NO.: 3218	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			APPLICANT: Krieg et al.				
Sheet 3 of 10			GROUP.	ART UNIT: 1643	EXAMINE	R: P. Tungaturthi	
Sheet	3 of	10					
	2005-0004061		A 1	Krieg et al.		01-06-2005	
_	2005-0004062		A1	Krieg et al.		01-06-2005	
	2005-0009774		A1			 	
	2005-0032734		A1	Krieg et al. Davis et al.		01-13-2005	
	2005-0032734		A1			02-10-2005	
				Krieg et al.		02-10-2005	
	2005-0037403		A1	Krieg et al.	TW1	02-17-2005	
	2005-0037985		<u> </u>	Krieg et al.		02-17-2005	
	2005-0043529		A1	Davis et al.		02-24-2005	
	2005-0049215		A1	Krieg et al.		03-03-2005	
	2005-0049216		A1	Krieg et al.		03-03-2005	
	2005-0054601		A 1	Wagner et al.		03-10-2005	
	2005-0054602		A1	Krieg et al.		03-10-2005	
	2005-0059619		A 1	Krieg et al.		03-17-2005	
	2005-0059625	1	A 1	Krieg et al.		03-17-2005	
	2005-0070491		A 1	Krieg et al.		03-31-2005	
	2005-0075302		A 1	Hutcherson et al.		04-07-2005	
	2005-0100983		A 1	Bauer et al.		05-12-2005	
	2005-0101554	1	A 1	Krieg et al.		05-12-2005	
	2005-0101557		A 1	Krieg et al.		05-12-2005	
	2005-0119273	1	Al	Lipford et al.		06-02-2005	
	2005-0123523	1	A 1	Krieg et al.		06-09-2005	
	2005-0130911		A I	Uhlmann et al.		06-16-2005	
	2005-0148537	1	A 1	Krieg et al.		07-07-2005	
	2005-0169888		A1	Hartman et al.		08-04-2005	
	2005-0171047		Al	Krieg et al.		08-04-2005	
	2005-0181422	1	4 1	Bauer et al.		08-18-2005	
	2005-0182017	1	A 1	Krieg		08-18-2005	
	2005-0197314		A 1	Krieg et al.		09-08-2005	
	2005-0214355	1	A 1	Klinman et al.		09-29-2005	
	2005-0215501		A 1	Lipford et al.		09-29-2005	
	2005-0233995		A 1	Krieg et al.		10-20-2005	
	2005-0233999		A 1	Krieg et al.	11	10-20-2005	
	2005-0239732	I	4 1	Krieg et al.		10-27-2005	
	2005-0239733		A 1	Jurk et al.	·	10-27-2005	
	2005-0239734		A 1	Uhlmann et al.	····	10-27-2005	
	2005-0239736		A 1	Krieg et al.		10-27-2005	
	2005-0244379		41	Krieg et al.		11-03-2005	
	2005-0244380	1	A 1	Krieg et al.		11-03-2005	

[#] EXAMINER: Initial if reference considered, whether or notcitation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-		APPLIC	CATION NO.: 10/719,493	ATTY. DOCKET NO.: C1039.70021US01		
	RMATION DISCLOSURE	FILING	DATE: November 23, 2003	CONFIRMATION NO.: 3218		
	EMENT BY APPLICANT	APPLICANT: Krieg et al.				
Sheet 4 of 10		GROUP	PART UNIT: 1643	EXAMINER: P. Tungaturthi	_	
					_	
	2005-0245477	Al	Krieg et al.	11-03-2005	_	
	2005-0250726	Al	Krieg et al.	11-10-2005	_	
	2005-0256073	A1	Lipford et al.	11-17-2005	_	
	2005-0267064	Al	Krieg et al.	12-01-2005	_	
	2005-0277604	Al	Krieg et al.	12-15-2005	_	
	2005-0277609	Al	Krieg et al.	12-15-2005	_	
	2006-0003955	A1	Krieg et al.	01-05-2006	_	
	2006-0003962	Al	Ahluwalia et al.	01-05-2006	_	
	2006-0019916	Al	Krieg et al.	01-26-2006	_	
	2006-0019923	A1	Davis et al.	01-26-2006	_	
· ,::.	2006-0058251	Al	Krieg et al.	03-16-2006	_	
	2006-0089326	Al	Krieg et al.	03-10-2000	_	
	2006-0094683	Al	Krieg et al.	05-04-2006		
	2006-0140875	Al	Krieg et al.	05-04-2006	_	
	2006-0154890	Al	Bratzler et al.	07-13-2006	_	
	2006-0172966	Al	Lipford et al.	08-03-2006	_	
	2006-0188913	A1	Krieg et al.	08-24-2006	_	
	2006-0211639	Al	Bratzler et al.	09-21-2006	_	
	2006-0211644	Al	Krieg et al.	09-21-2006		
	2006-0229271	Al	Krieg et al.		_	
***************************************	2006-0223271	Al	Uhlmann et al.	10-12-2006	_	
	2006-0241070	Al	 	10-26-2006	_	
	2006-0286070	Al	Ahluwalia et al. Hartmann et al.	11-02-2006	_	
	2006-0287263	Al	Davis et al.	12-21-2006	_	
-	2007-0009482	Al		12-21-2006	-	
	2007-0009482	Al	Krieg et al. Krieg et al.	01-11-2007	_	
	2007-0037767	Al	Bratzler et al.	01-11-2007	_	
	2007-005467	Al	Krieg et al.	02-15-2007 03-22-2007	_	
-	2007-0066553	Al	Krieg et al.	03-22-2007	_	
	2007-0066554	Al	Krieg et al.	03-22-2007	_	
· · · · · · · · · · · · · · · · · · ·	2007-0078104	Al	Krieg et al.	03-22-2007	-	
	2007-0129320	A9	Davis et al.	06-07-2007	_	
	2007-0129320	Al	Forsbach et al.	06-07-2007	_	
	2007-0142313	Al	Wagner et al.	······································	_	
	2007-0184403	Al	Krieg et al.	08-09-2007 08-30-2007	_	
	2007-0202128	Al .	Krieg et al.	08-30-2007	_	
	2007-0224210	Al	Lipford et al.		_	
	1 2001-0232022	1 7 1	Librord et al.	10-04-2007		

ı	EXAMINER:	DATE CONSIDERED:	
			

^{*} EXAMINER: Initial if reference considered, whether or notcitation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449/A and B (modified PTO/SB/08)			PTO/SB/08)	APPLICATION NO.: 10/719,493 ATTY. DOCKET NO.: C1039.700		
INFORMATION DISCLOSURE				FILING DATE: November 23, 2003 CONFIRMATION NO.: 3218		
STATEMENT BY APPLICANT				APPLICANT: Krieg et al.		
Short 5 10		GROUP ART UNIT: 1643	EXAMINER: P. Tungaturthi			
Sheet	3	of	10			

FOREIGN PATENT DOCUMENTS

rore	eign Patent Document		Name of Patentee or Applicant of Cited	Date of	T1-4:
Office/ Country	Number	1 1713 1	Document	Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
WO	95/17507	Al	Biognostik Gesellschaft Für Biomolekulare Diagnostik MBH [DE]	06-29-1995	
		 			
	Office/ Country	Office/ Country Number	Office/ Country Number Kind Code	Office/ Country Number Kind Code Name of Patentee or Applicant of Cited Document Name of Patentee or Applicant of Cited Document Biognostik Gesellschaft Für	Office/ Country Number Kind Code Name of Patentee or Applicant of Cited Document MM-DD-YYYY WO 95/17507 A1 Biognostik Gesellschaft Für 06 20 1005

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials #	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
		[No Author Listed] CpG 7909: PF 3512676, PF-3512676. Drugs R D. 2006;7(5):312-6.	
		ANITESCU et al., Interleukin-10 functions in vitro and in vivo to inhibit bacterial DNA-induced secretion of interleukin-12. J Interferon Cytokine Res. 1997 Dec;17(12):781-8.	
		CHACE et al., Bacterial DNA-induced NK cell IFN-gamma production is dependent on macrophage secretion of IL-12. Clin Immunol Immunopathol. 1997 Aug;84(2):185-93.	
		COHEN, Selective anti-gene therapy for cancer: principles and prospects. Tohoku J Exp Med. 1992 Oct;168(2):351-9.	
		FRIEDBERG et al., Combination immunotherapy with a CpG oligonucleotide (1018 ISS) and rituximab in patients with non-Hodgkin lymphoma: increased interferon-alpha/beta-inducible gene expression, without significant toxicity. Blood. 2005 Jan 15;105(2):489-95. Epub 2004 Sep 9.	
		HIGAKI et al., Mechanisms involved in the inhibition of growth of a human B lymphoma cell line, B104, by anti-MHC class II antibodies. Immunol Cell Biol. 1994 Jun;72(3):205-14.	
		HINKULA et al., Recognition of prominent viral epitopes induced by immunization with human immunodeficiency virus type 1 regulatory genes. J Virol. 1997 Jul;71(7):5528-39.	
		KRIEG et al., Lymphocyte activation mediated by oligodeoxynucleotides or DNA containing novel un-methylated CpG motifs. American College of Rheumatology 58 th National Scientific Meeting. Minneapolis, Minnesota, October 22, 1994. Abstracts. Arthritis Rheum. 1994 Sep;37(9 Suppl).	
		KRIEG et al., Bacterial DNA or oligonucleotides containing CpG motifs protect mice from lethal L. monocytogenes challenge. 1996 Meeting on Molecular Approaches to the Control of Infectious Diseases. Cold Spring Harbor Laboratory, September 9-13, 1996:116.	
		KRIEG et al., Infection. In: McGraw Hill Book. 1996:242-3. KRIEG et al., Lymphocyte activation by CpG dinucleotide motifs in prokaryotic DNA. Trends Microbiol. 1996 Feb;4(2):73-6.	
		KRIEG, Therapeutic potential of Toll-like receptor 9 activation. Nat Rev Drug Discov. 2006 Jun;5(6):471-84.	
		KURAMOTO et al., Induction of T-cell-mediated immunity against MethA fibrosarcoma by intratumoral injections of a bacillus Calmette-Guerin nucleic acid fraction. Cancer Immunol Immunother. 1992;34(5):283-8.	
		LEIBSON et al., Role of gamma-interferon in antibody-producing responses. Nature. 1984 Jun 28-Jul 4;309(5971):799-801.	
		LIU et al., CpG ODN is an effective adjuvant in immunization with tumor antigen. J Invest Med. 1997 Sept7;45(7):333A.	

EXAMINER:	DATE CONSIDERED:
	,
	L

^{*} EXAMINER: Initial if reference considered, whether or notcitation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449/A and B (modified PTO/SB/08)				APPLICATION NO.: 10/719,493	ATTY. DOCKET NO.: C1039.70021US01	
	•		,	FILING DATE: November 23, 2003 CONFIRMATION NO.: 3218		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT: Krieg et al.		
Sheet	6	of	10	GROUP ART UNIT: 1643	EXAMINER: P. Tungaturthi	

	LOKE et al., Delivery of c-myc antisense phosphorothioate oligodeoxynucleotides to hematopoietic cells in culture by liposome fusion: specific reduction in c-myc protein expression correlates with	
	inhibition of cell growth and DNA synthesis. Curr Top Microbiol Immunol. 1988;141:282-9.	
	MACFARLANE et al., Unmethylated CpG-containing oligodeoxynucleotides inhibit apoptosis in	
	WEHI 231 B lymphocytes induced by several agents: evidence for blockade of apoptosis at a distal	
	signalling step. Immunology. 1997 Aug;91(4):586-93.	
	MALTESE et al., Sequence context of antisense RelA/NF-kappa B phosphorothioates determines	
	specificity. Nucleic Acids Res. 1995 Apr 11;23(7):1146-51.	<u> </u>
	MUI et al., Immune stimulation by a CpG-containing oligodeoxynucleotide is enhanced when	
	encapsulated and delivered in lipid particles. J Pharmacol Exp Ther. 2001 Sep;298(3):1185-92.	
	OCHIAI et al., Studies on lymphocyte subsets of regional lymph nodes after endoscopic injection of	
	biological response modifiers in gastric cancer patients. Int J Immunotherapy. 1986;11(4):259-65.	
	PERLAKY et al., Growth inhibition of human tumor cell lines by antisense oligonucleotides	
—	designed to inhibit p120 expression. Anticancer Drug Des. 1993 Feb;8(1):3-14.	
	RATAJCZAK et al., In vivo treatment of human leukemia in a scid mouse model with c-myb	
	antisense oligodeoxynucleotides. Proc Natl Acad Sci U S A. 1992 Dec 15;89(24):11823-7.	
1	SONEHARA et al., Hexamer palindromic oligonucleotides with 5'-CG-3' motif(s) induce	
	production of interferon. J Interferon Cytokine Res. 1996 Oct;16(10):799-803.	<u> </u>
	SPARWASSER et al., Bacterial DNA causes septic shock. Nature. 1997 Mar 27;386(6623):336-7.	
	STEIN et al., Problems in interpretation of data derived from in vitro and in vivo use of antisense	
	oligodeoxynucleotides. Antisense Res Dev. 1994 Summer;4(2):67-9.	
	STEIN et al., Non-antisense effects of oligodeoxynucleotides. Antisense Technology. 1997; ch11: 241-64.	
1	TAKATSUKI et al., Interleukin 6 perfusion stimulates reconstitution of the immune and	
	hematopoietic systems after 5-fluorouracil treatment. Cancer Res. 1990 May 15;50(10):2885-90.	
	TOKUNAGA et al Jpn. J. Infect. Dis 52, 1-11, 1999.	
	WEIGEL et al., CpG oligodeoxynucleotides potentiate the antitumor effects of chemotherapy or	
	tumor resection in an orthotopic murine model of rhabdomyosarcoma. Clin Cancer Res. 2003 Aug 1;9(8):3105-14.	
	WEINER et al., The immunobiology and clinical potential of immunostimulatory CpG	
	oligodeoxynucleotides. J Leukoc Biol. 2000 Oct;68(4):455-63.	
1	WEINER et al., Immunostimulatory oligodeoxynucleotides containing the CpG motif are effective	
	as immune adjuvants in tumor antigen immunization. Proc Natl Acad Sci U S A. 1997 Sep	
	30;94(20):10833-7.	
	WEINER et al., Immunostimulatory CpG oligodeoxynucleotide is effective as an adjuvant in	
	inducing production of anti-idiotype antibody and is synergistic with GMCSF. Blood. 1996 Nov	
	15;88(10):Suppl. 1 pt. 1. Abstract #348.	<u> </u>
	YAMAMOTO, Cytokine production inducing action of oligo DNA. Rinsho Meneki. 1997; 29(9): 1178-84. Japanese.	Yes
	ZHAO et al., Pattern and kinetics of cytokine production following administration of	+
	phosphorothioate oligonucleotides in mice. Antisense Nucleic Acid Drug Dev. 1997 Oct;7(5):495-502.	
	Patent Interference No. 105,171. Iowa Preliminary Motion 3 (for judgment based on failure to comply with 35 U.S.C. 135(b)). (Electronically filed, unsigned). June 7, 2004.	
-	Patent Interference No. 105,171. Iowa Preliminary Motion 4 (for judgment of no interference in	
L	1 dent interference No. 103,171. Iowa Fremminary Motion 4 (for judgment of no interference in	

EXAMINER:	DATE CONSIDERED:

[#] EXAMINER: Initial if reference considered, whether or notcitation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449/A and B (modified PTO/SB/08)				APPLICATION NO.: 10/719,493	ATTY. DOCKET NO.: C1039.70021US01
	`		,	FILING DATE: November 23, 2003	CONFIRMATION NO.: 3218
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT: Krieg et al.	
				CDOUD ART INUT. 1642	EVALUED D. T
Sheet	7	of	10	GROUP ART UNIT: 1643	EXAMINER: P. Tungaturthi

	fact). (Electronically filed, unsigned). June 7, 2004.	
	Patent Interference No. 105,171. Iowa Preliminary Motion 5 (for judgment based on lack of	-,- , , ,
	enablement). (Electronically filed, unsigned). June 7, 2004.	
	Patent Interference No. 105,171. Iowa Preliminary Motion 6 (for judgment based on lack of	
	adequate written description). (Electronically filed, unsigned). June 7, 2004.	
	Patent Interference No. 105,171. Iowa Preliminary Motion 7 (motion to redefine interference to	
	designate claims as not corresponding to the Count). (Electronically filed, unsigned). June 7, 2004.	
	Patent Interference No. 105,171. Iowa Preliminary Motion 8 (contingent motion to redefine the	
	Count). (Electronically filed, unsigned). June 7, 2004.	
	Patent Interference No. 105,171. Iowa Preliminary Motion 9 (motion for benefit of earlier	
	application). (Electronically filed, unsigned). June 7, 2004.	
	Patent Interference No. 105,171. Iowa Preliminary Motion 10 (contingent motion to redefine the	
	interference by adding a continuation application). (Electronically filed, unsigned). July 2, 2004.	
•	Patent Interference No. 105,171. Regents of the University of California Opposition 3 (to Iowa	
	Preliminary Motion 3 for judgment under 35 USC 135(b)). September 9, 2004.	
	Patent Interference No. 105,171. Regents of the University of California Opposition 4 (to Iowa	
	Preliminary Motion 4 for judgment of no interference in fact). September 9, 2004.	
	Patent Interference No. 105,171. Regents of the University of California Opposition 5 (to Iowa	
	Preliminary Motion 5 for judgment that UC's claim is not enabled). September 9, 2004.	
	Patent Interference No. 105,171. Regents of the University of California Opposition 6 (to Iowa	
	Preliminary Motion 6 for judgment based on lack of adequate written description). September 9,	
	2004.	
	Patent Interference No. 105,171. Regents of the University of California Opposition 7 (to Iowa	
	Preliminary Motion 7 to redefine the interference). September 9, 2004.	
	Patent Interference No. 105,171. Regents of the University of California Opposition 8 (to Iowa	
	Preliminary Motion 8 to redefine the Count). September 9, 2004.	
	Patent Interference No. 105,171. Regents of the University of California Response 9 (to Iowa	
	Contingent Motion 9 for benefit). September 9, 2004.	
	Patent Interference No. 105,171. Regents of the University of California Opposition 10 (to Iowa	
	Contingent Motion 10 to redefine the interference). September 9, 2004.	
	Patent Interference No. 105,171. Regents of the University of California Opposition 11 (to Iowa	
	Contingent Motion 11 to suppress). October 15, 2004.	
	Patent Interference No. 105,171. Iowa Reply 3 (in support of Iowa Preliminary Motion 3 for	
	judgment under 35 U.S.C. §135(b)) (Electronically filed, unsigned). October 15, 2004.	
	Patent Interference No. 105,171. Iowa Reply 4 (in support of Iowa Preliminary Motion for judgment	
	of no interference in fact) (Electronically filed, unsigned). October 15, 2004.	
	Patent Interference No. 105,171. Iowa Reply 5 (in support of Iowa Preliminary Motion 5 for	
	judgment that UC's claim 205 is not enabled) (Electronically filed, unsigned). October 15, 2004.	
	Patent Interference No. 105,171. Iowa Reply 6 (in support of Iowa Preliminary Motion 6 for	
	judgment based on lack of adequate written description) (Electronically filed, unsigned). October	
	15, 2004.	
	Patent Interference No. 105,171. Iowa Reply 7 (in support of Iowa Preliminary Motion 7 to redefine	
	the interference) (Electronically filed, unsigned). October 15, 2004.	
	Patent Interference No. 105,171. Iowa Reply 8 (in support of Iowa Preliminary Motion 8 to redefine	
	the count) (Electronically filed, unsigned). October 15, 2004.	

EXAMINER:	DATE CONSIDERED:

[#] EXAMINER: Initial if reference considered, whether or notcitation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449/A and B (modified PTO/SB/08)				APPLICATION NO.: 10/719,493	ATTY. DOCKET NO.: C1039.70021US01	
				FILING DATE: November 23, 2003	CONFIRMATION NO.: 3218	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT: Krieg et al.		
				GROUP ART UNIT: 1643	EXAMINER: P. Tungaturthi	
Sheet	8 of 10		10			

Patent Interference No. 105,171. Iowa Reply 10 (in support of Iowa Preliminary Motion 10 to	
 redefine the interference) (Electronically filed, unsigned). October 15, 2004.	
Patent Interference No. 105,171. Iowa Reply 11 (in support of Iowa Miscellaneous Motion to	
 suppress). (Electronically filed, unsigned). October 18, 2004.	
Patent Interference No. 105,171. Regents of the University of California Preliminary Statement.	
June 7, 2004.	
Patent Interference No. 105,171. Regents of the University of California Preliminary Motion 1 (to	
 designate additional claims of Iowa patent as corresponding to the Count). June 7, 2004.	
Patent Interference No. 105,171. Regents of the University of California Preliminary Motion 2 (for	
 judgment based on lack of written description support and introducing new matter). June 7, 2004.	
Patent Interference No. 105,171. Regents of the University of California Preliminary Motion 3 (for	
judgment based on anticipation). June 7, 2004.	
Patent Interference No. 105,171. Regents of the University of California Preliminary Motion 4 (for	
 judgment based on obviousness). June 7, 2004.	
Patent Interference No. 105,171. Regents of the University of California Preliminary Motion 5 (for	
 judgment based on anticipation). June 7, 2004.	
Patent Interference No. 105,171. Regents of the University of California Preliminary Motion 6 (for	
 judgment based on inequitable conduct). June 7, 2004.	
Patent Interference No. 105,171. Regents of the University of California Contingent Preliminary	
 Motion 7 (for benefit of an earlier application under 37 CFR 1.633(j)). July 2, 2004.	
Patent Interference No. 105,171. Regents of the University of California Contingent Preliminary	
 Motion 8 (to add additional claims under 37 CFR 1.633(c)(2) and (i)). July 2, 2004.	
 Amended Claims for Application Number 09/265,191, filed March 10, 1999.	
Patent Interference No. 105,171. Iowa Opposition 1 (opposition to motion to designate additional	
 claims as corresponding to the Count) (Electronically filed, unsigned). September 9, 2004.	
Patent Interference No. 105,171. Iowa Opposition 2 (opposition to motion for judgment based on	
lack of written description support and introducing new matter) (Electronically filed, unsigned).	
 September 9, 2004.	
Patent Interference No. 105,171. Iowa Opposition 3 (opposition to motion for judgment based on	
 anticipation) (Electronically filed, unsigned). September 9, 2004.	
Patent Interference No. 105,171. Iowa Opposition 4 (opposition to motion for judgment based on	
obviousness) (Electronically filed, unsigned). September 9, 2004.	
Patent Interference No. 105,171. Iowa Opposition 5 (opposition to motion for judgment based on	
anticipation) (Electronically filed, unsigned). September 9, 2004.	
Patent Interference No. 105,171. Iowa Opposition 6 (opposition to motion for judgment based on	
 inequitable conduct) (Electronically filed, unsigned). September 9, 2004.	
Patent Interference No. 105,171. Iowa Opposition 7 (opposition to motion for benefit of an earlier	
 application under 7 CFR 1.633(j)) (Electronically filed, unsigned). September 9, 2004.	
Patent Interference No. 105,171. Iowa Opposition 8 (opposition to motion to add additional claims	
 under 37 CFR 1.633 (2) and (i)) (Electronically filed, unsigned). September 9, 2004.	
Patent Interference No. 105,171. Regents of the University of California Reply 1 (to Iowa's	
 opposition to UC's motion to designate Iowa claims as corresponding to the Count). October 15, 2004.	
 Patent Interference No. 105,171. Regents of the University of California Reply 2 (to Iowa's	
 opposition to UC Preliminary Motion 2 for Judgment). October 15, 2004.	

EXAMINER:	DATE CONSIDERED:

[#] EXAMINER: Initial if reference considered, whether or notcitation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449/A and B (modified PTO/SB/08)				APPLICATION NO.: 10/719,493	ATTY. DOCKET NO.: C1039.70021US01
		`	,	FILING DATE: November 23, 2003	CONFIRMATION NO.: 3218
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT: Krieg et al.	
				GROUP ART UNIT: 1643	EXAMINER: P. Tungaturthi
Sheet	9.	of	10	GROOT ART CIVIT. 1043	DATAMINES. 1. Tungatutun

	Detent Interference No. 105 171 December of the University of California Declaration 105 171 December of the University of California Declaration 105 171 December of the University of California Declaration 105 171 December of the University of California December 105 171 Decem	
	Patent Interference No. 105,171. Regents of the University of California Reply 3 (to Iowa's Opposition to UC Preliminary Motion 3 for Judgment). October 15, 2004.	
	Patent Interference No. 105,171. Regents of the University of California Reply 4 (to Iowa's	
1	Opposition to UC Preliminary Motion 4 for Judgment). October 15, 2004.	
	Patent Interference No. 105,171. Regents of the University of California Reply 5 (to Iowa's	
	Opposition to UC Preliminary Motion 5 for Judgment). October 15, 2004.	
	Patent Interference No. 105,171. Regents of the University of California Reply 6 (to Iowa's	_
	opposition to UC Preliminary Motion 6 for judgment). October 15, 2004.	
	Patent Interference No. 105,171. Regents of the University of California Reply 7 (to Iowa's	
	Opposition to UC Preliminary Motion 7 for Benefit). October 15, 2004.	
	Patent Interference No. 105,171. Regents of the University of California Reply 8 (to Iowa's	
	Opposition to UC Preliminary Motion 8 to add additional claims). October 15, 2004.	
	Patent Interference No. 105,171. Decision on Motion under 37 CFR §41.125. March 10, 2005.	
	Patent Interference No. 105,171. Judgment and Order. March 10, 2005.	
	Patent Interference No. 105,171. Regents of the University of California. Brief of Appellant. July 5, 2005.	
	Patent Interference No. 105,171. University of Iowa and Coley Pharmaceutical Group, Inc. Brief of Appellees. August 17, 2005.	
	Patent Interference No. 105,171. Regents of the University of California. Reply Brief of Appellant. September 6, 2005.	-
	Patent Interference No. 105,171. Regents of the University of California. Decision of CAFC. July 17, 2006.	
	Patent Interference No. 105,526. Krieg Substantive Motion 1 (for unpatentability based on interference estoppel). (Electronically filed, unsigned).	
	Patent Interference No. 105,526 Krieg Substantive Motion 2 (for judgment based on inadequate	_
	written description and/or enablement). (Electronically filed, unsigned). June 18, 2007.	
	Patent Interference No. 105,526. Krieg Contingent Responsive Motion (to add new claims 104 and 105). (Electronically filed, unsigned). July 25, 2007.	
	Patent Interference No. 105,526. Krieg Substantive Motion 3 (for judgment based on prior art).	
	(Electronically filed, unsigned). June 18, 2007.	
	Patent Interference No. 105,526. Raz Motion 1 (Unpatentability of Krieg Claims under 35 U.S.C. §	
	112, First Paragraph). (Electronically filed, unsigned). June 18, 2007.	
	Patent Interference No. 105,526. Raz Motion 2 (Raising a Threshold Issue of No Interference-in-	_
	Fact). (Electronically filed, unsigned). June 18, 2007.	
	Patent Interference No. 105,526 Raz Motion 3 (Krieg's Claims are Unpatentable Over Prior Art	
	Under 35 U.S.C. § 102(b)) (Electronically filed, unsigned). June 18, 2007.	
	Patent Interference No. 105,526. Raz Motion 4 (To Designate Krieg Claims 46 and 82-84 as	
	Corresponding to Count 1). (Electronically filed, unsigned). June 18, 2007.	
	Patent Interference No. 105,526. Raz Responsive Miscellaneous Motion 5 (To revive the Raz	
	Parent Application) (Electronically filed, unsigned) July 25, 2007.	
	Patent Interference No. 105,526. Raz Contingent Responsive Motion 6 (To Add a New Claim 58)	
	(Electronically filed, unsigned) July 25, 2007.	_
	Patent Interference No. 105,526. Krieg Opposition 1 (Opposition to Motion for Lack of Enablement	
ll	and Written Description) (Electronically filed, unsigned) September 10, 2007.	

EXAMINER:	DATE CONSIDERED:
	the state of the s

^{*}EXAMINER: Initial if reference considered, whether or notcitation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM DTO		God PTO/CD/00	APPLICATION NO.: 10/719,4	93	ATTY. DOCKET NO.: C1039.7	0021US01	
FORM PTO-1449/A and B (modified PTO/SB/08) INFORMATION DISCLOSURE			FILING DATE: November 23,	, 2003	CONFIRMATION NO.: 3218		
	EMENT BY A		APPLICANT: Krieg et al.	APPLICANT: Krieg et al.			
Sheet	10	of 10	GROUP ART UNIT: 1643		EXAMINER: P. Tungaturthi		
	Dotont	Interference No. 1	05 526 Vii - O Wi - 2 (4- P	1 (· · · · · · · · · · · · · · · · · ·	(F)	*	
ı		ed) September 10,	05,526. Krieg Opposition 2 (to R 2007.	az Motion 2	(Electronically filed,		
	Patent		05,526. Krieg Opposition 3 (To F	Raz Motion 3	(Electronically filed,		
•	46 and	82-84 as Correspondent	05,526. Krieg Opposition 4 (Opponding to the Court) (Electronical	lly filed, unsi	gned) September 10, 2007.		
	Patent	Interference No. 1	05,526. Krieg Opposition 6 (Opp filed, unsigned) September 10, 2	osition to Ra	z Contingent Responsive		
	Patent (Electr	Interference No. 1 onically filed, uns	05,526. Raz Opposition 1 (Opposigned) September 10, 2007.	sing Krieg Si	ubstantive Motion 1)		
	Patent (Electr	Interference No. 1 onically filed, uns	05,526. Raz Opposition 2 (Opposigned) September 10, 2007.	sing Krieg Si	ubstantive Motion 2)		
	Patent	Interference No. 1	05,526. Raz Opposition 4 (Oppos and 105) (Electronically filed, un	sing Krieg Cosigned) Sept	ontingent Responsive Motion ember 10, 2007.		
	Patent	Interference No. 1	05,526. Krieg Reply 1 (Reply to	Raz oppositi	on 1) October 5, 2007		
	Patent	Interference No. 1	05,526. Krieg Reply 2 (Reply to Raz opposition 2) October 5, 2007				
	Patent	Interference No. I	05,526. Krieg Reply 4 (Reply to Raz opposition 4) October 5, 2007				
	Patent	Interference No. 1	05,526. Raz Reply 1 (Reply to Krieg opposition 1) October 5, 2007 05,526. Raz Reply 2 (Reply to Krieg opposition 2) October 5, 2007				
			05,526. Raz Reply 3 (Reply to Ki				
			05,526. Raz Reply 4 (Reply to Ki 05,526. Raz Reply 6 (Reply to Ki				
			ary 2007, "Coley Pharmaceutical				
	Develo	opment Strategy".	ary 2007, Coley Fharmaceutical	Group Opda	nes Hepatitis C Drug		
			2007, "Coley Pharmaceutical Gre	oun Announ	and Discontinuation		
	of Clin	ical Trials for PF- ung Cancer".	3512676 Combined with Cytotox	cic Chemothe	erapy in Advanced Non Small		
filing date under [NOTE – No co are included. Se provided as requ	r 35 U.S.C. 120 (continu pies of U.S. patents, put e 37 CFR §1.98 and 128	uation, continuation-in- blished U.S. patent app 370G163. Copies of al Inless 1) such copies w	ited by or submitted to the office in a prio part, and divisional applications). lications, or pending, unpublished patent a l other patent(s), publication(s), unpublish ere provided in an IDS in an earlier applic	applications stor	red in the USPTO's Image File Wrapper	(IFW) system,	
EXAMINER	:		DATE CON	SIDERED:			

[#] EXAMINER: Initial if reference considered, whether or notcitation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.